

Converting Colors

Hex(49C2E2)

Have a look what the booklet for
Hex(49C2E2) contains.

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Color

Hex(49C2E2)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 49C2E2 |
| RGB | 73, 194, 226 |
| RGB Percent | 29%, 76%, 89% |
| CMY | 0.7137, 0.2392, 0.1137 |
| CMYK | 0.68, 0.14, 0.00, 0.11 |
| HSL | 193°, 73%, 59% |
| HSV | 193°, 68%, 89% |
| XYZ | 35.7669, 45.4910, 78.8470 |
| YIQ | 161.4690, -82.3880, -15.7000 |

Conversions

Conversions Part 2

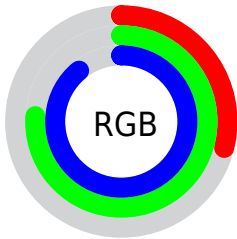
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 73, 141, 226 |
| Decimal | 4834018 |
| CIE Lab | 73.21, -23.56, -25.78 |
| CIE LCh | 73, 34.927, 227.576 |
| Yxy | 45.4910, 0.2234, 0.2841 |
| Android (android.graphics.Color) | 4283024098 (0xFF49C2E2) |
| YUV | 161.4690, 31.8138, -77.5873 |
| Hunter-Lab | 67.4470, -23.3744, -22.0984 |

Details

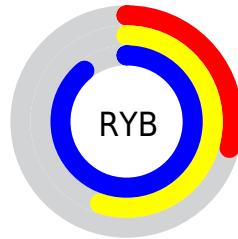
The Hex color **49C2E2** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **E26949**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **8AFBFF**, and **008CAB** is the 20% darker color. If you saturate the color by 10%, you get **32BDE2**, and if you desaturate by 10%, it is **60C7E2**.

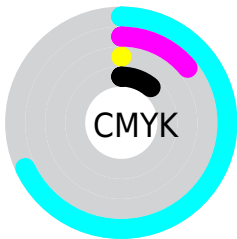
Distribution



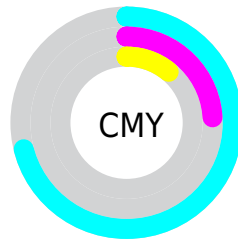
- Red (29%)
- Green (76%)
- Blue (89%)



- Red (29%)
- Yellow (55%)
- Blue (89%)



- Cyan (68%)
- Magenta (14%)
- Yellow (0%)
- Black (11%)



- Cyan (71%)
- Magenta (24%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49C2E2 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 49C2E2 by changing the saturation by 10% instead.

 49C2E2

 49C2E2

FFFFFF

 1CA7C6

 8AFBFF

 008CAB

 A9FFFF

 007290

 C7FFFF

 005A76

 E6FFFF

 00425D

 002B46

 00162F

 00011A

 000000

■ 49C2E2

■ 49C2E2

■ 32BDE2

■ 60C7E2

■ 1CB9E2

■ 76CBE2

■ 05B4E2

■ 8DD0E2

■ 00B3E2

■ A3D5E2

■ BADA E2

■ D1DE E2

■ E7E3 E2

■ FEE8 E2

■ FFEDE2

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



49C5C6



49C2E2



73BBF2

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



49C2E2



EA9DC2



B7B876

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



49C2E2



E26949

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



D6AD75



49C2E2



F39CA2

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



49C2E2



CFA5DF



EBA386



92C088

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



49C2E2



95B4F3



EBA386



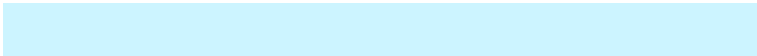
C2B474

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



49C2E2



CCF4FF



49E268



617980



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



49C2E2



30D4FF



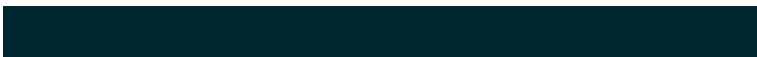
4977E2



656E70



008BB0



002630

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



E249C2



FF30D4



E2B449



70656E



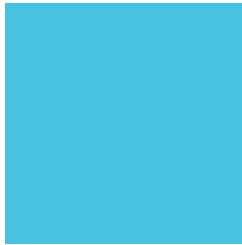
B0008B



300026

Previews

White Background



This preview shows how the Hex color 49C2E2 looks on a white background.

Color Contrast Check

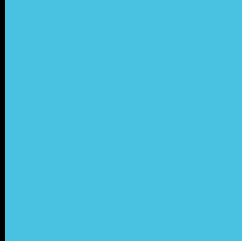
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 49C2E2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 49C2E2 Background



This preview shows how black text looks on a background with the Hex color 49C2E2.

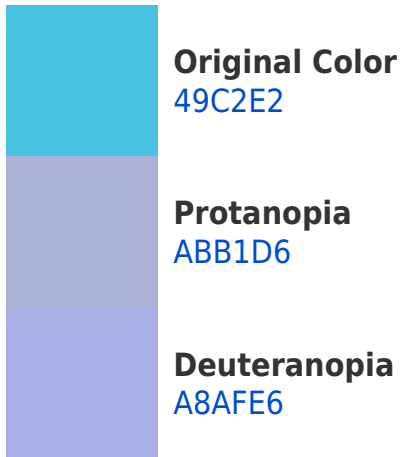


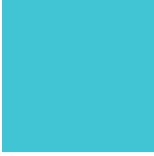
This preview shows how white text looks on a background with the Hex color 49C2E2.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

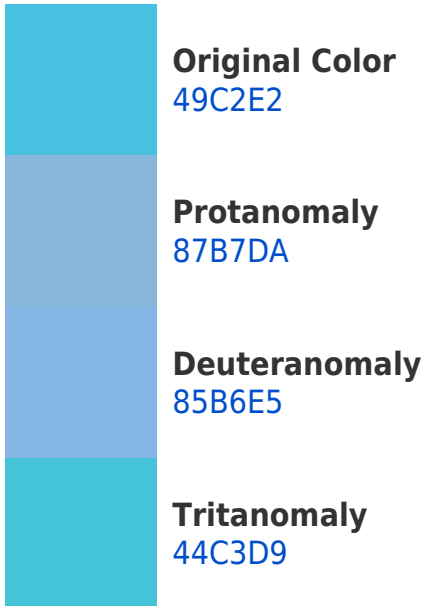
Dichromacy



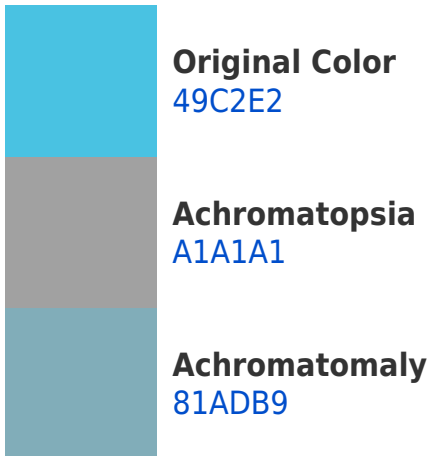


Tritanopia
41C4D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 49C2E2 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #49C2E2 looks like.

```
.text, #text, p{  
    color:#49C2E2  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #49C2E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49C2E2
}
```

Border

The CSS property to change the border of an element to Hex 49C2E2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#49C2E2 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#49C2E2 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #49C2E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49C2E2; -webkit-box-shadow:4px 4px  
4px 4px #49C2E2; box-shadow:4px 4px 4px  
4px #49C2E2 }
```

Background

The CSS property to change the background color of an element to Hex 49C2E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49C2E2 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#49C2E2 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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